Animation Database — 110

Grammar Database — 120

Script Database — 130

Practice Problem Database — 140

Multimedia Database — 150

Central Control Module — 160

100

Fig 1-a

Grammar unit	Animation file	Animation practice problem
unit 1	animation file 1	Animation practice problem 1
unit 2	animation file 2	Animation practice problem 2
....	....	....
unit n	animation file n	Animation practice problem n

112

110

Animation Database

114

animation file

animation object
— set of picture files
— set of sound files
— set of text files

animation content
— set of rule contents and example sentences
— set of practice problems and solutions
— story

Fig 1-b

Grammar chapter	Grammar unit	Grammar rule	Grammar example sentence
Grammar chapter 1	unit 1	rule 1 ~ rule n	example1
	unit 2	rule 1 ~ rule n	example2
	unit n	rule 1 ~ rule n	examplen
Grammar chapter 2	unit 1	rule 1 ~ rule n	example1
	unit 2	rule 1 ~ rule n	example2
	unit n	rule 1 ~ rule n	examplen
....	....	....	....
Grammar chapter n	unit1	rule 1 ~ rule n	example1
	unit2	rule 1 ~ rule n	example2
	unit n	rule1 ~ rule n	examplen

125

grammar example sentence number	grammar example sentence content	grammar example sentence address

grammar rule number	grammar rule	grammar rule address

grammar unit number	grammar unit title

grammar chapter number	grammar chapter title

120

Grammar Database

Fig 1-c

Grammar unit	Script serial number	Script content
unit 1	Script 1	set of rule contents 1
		set of example sentences 1
		story 1
unit 2	Script 2	set of rule contents 1
		set of example sentences 1
		story 1
....	....	....
unit n	Script n	set of rule contents 1
		set of example sentences 1
		story 1

135

130

Script Database

grammar unit number	grammar unit title

script number	script title

grammar rule content number	grammar rule content	grammar rule content address

grammar example sentence number	grammar example sentence content	grammar example sentence address

story content	story address

Fig 1-d

Grammar unit	Animation practice problem	Test problem
unit 1	practice problem 1& Solution1	Test problem 1& Solution1
	practice problem 2& Solution2	Test problem 2& Solution2
	practice problem n& Solution n	Test problem n& Solution n
unit 2	practice problem 1& Solution1	Test problem 1& Solution1
	practice problem 2& Solution2	Test problem 2& Solution2
	practice problem n& Solution n	Test problem n& Solution n
....	....	....
unit n	practice problem 1& Solution1	Test problem 1& Solution1
	practice problem 2& Solution2	Test problem 1& Solution2
	practice problem n& Solution n	Test problem 1& Solution n

140

Practice Problem Database

145

grammar unit number	grammar unit title

animation practice problem number	animation practice problem content	animation practice problem address

animation practice problem solution content	animation practice problem solution address

test problem number	test problem content	test problem address

test problem solution content	test problem solution address

Fig 1-e

Fig 1-f

150 Multimedia Database → 155

Grammar unit	Picture file	Sound file	Text file
unit 1	Picture file1	Sound file1	Text file1
	Picture file2	Sound file2	Text file2
	Picture file n	Sound file n	Text file n
unit 2	Picture file1	Sound file1	Text file1
	Picture file2	Sound file2	Text file2
	Picture file n	Sound file n	Text file n
········	········	········	········
unit n	Picture file1	Sound file1	Text file1
	Picture file2	Sound file2	Text file2
	Picture file n	Sound file n	Text file n

grammar unit number	grammar unit title

picture file number	picture file address

sound file number	sound file address

text file number	text file address

Start

Establish an animation database and at least one animation file — 200

A

Receive a command input from a user — 210

Execute the command using the interactive grammar teaching system — 220

B

End

Fig 2-a

Establish a grammar database and at least one relevant datum — 201

Establish a script database and at least one relevant datum — 202

Establish a practice problem database and at least one relevant datum — 203

Establish a multimedia database and at least one relevant datum — 204

Make an animation file — 205

Integrate the data in the above four databases via a central control module and process the linking relations thereof — 206

A

210

Fig 2-b

B

221 — Call a corresponding grammar unit in the grammar database according to the command

222 — Point to an animation file in the animation database using the grammar unit pointer and play the animation file

223 — Play the next animation file?

Yes

No

224 — Open an animation practice problem through a practice problem database and do immediate animated exercises

225 — Perform immediate animated exercises?

Yes

No

226 — Open a practice problem in the practice problem database and do immediate exercises

End

Fig 2-c

Fig 3-a

即時測驗

每日文法: over,past,after

時間介系詞 over past after

I am so tired after three hours' working.
經過三個小時的工作我已經太累了。

after指在某個時刻或某時間段之後。

Fig 3-b

Fig 3-c

每日文法: 地方介系詞 即時去測驗

您想 動車重接

還是 即時在線

Fig 3-d

每日文法： 地方介系詞

即時測驗

第 ❸ 題 ▼ 看動畫

Ⓐ across
Ⓑ along
Ⓒ into
Ⓓ towards

答案：D

0 ✗ 1

對　繼續　錯

I'm walking towards the house.

我正朝房子走去。
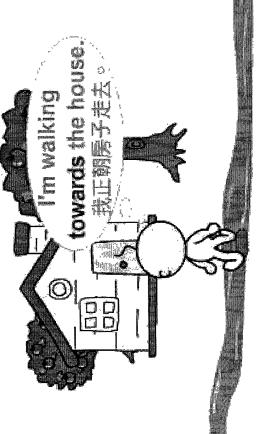
註解： across是"在…對面"；along是"沿著,順著"；into是"到…裡"；towards是朝"朝…。

Fig 3-e

前題

over,past,after 練習

第 2/10 題

後題

返回動畫

I got to know him _____ two years.

我認識他超過兩年了。

1 before
2 over
3 past
4 in

重做

錯！ 正確答案是：2

over表示時間上超過,in表示在某時間之後,before表示在某時刻之前,past表示在某時刻之後。

Fig 3-f

over,past,after 練習

你本車輪第一選擇的得分是：70

做對數： 7
總題數： 10

好！該項文法基本掌握。不過，還可以更好，點標題的超連接再充電吧！

重做

Fig 3-g

返回<<

集合名詞

集合名詞

1. 一群相似地也相關的個體的個體結合而成的集合體的名稱稱為集合名詞。如：family(家庭), class(班級), police(警察), cattle(牛), clothing(衣服), jewelry(珠寶)等。

2. 集合名詞指整體時被看作單數名詞；集合名詞指整體的構成分子時被看作複數名詞。

The class has elected its leader.

這個班選出了它的班長。

The class are interested in his lecture.

班上學生對他的講座都很感興趣。

Fig 3-h